EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	8	"6737132"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:09
L9	2	"2001163321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:30
L10	6	l8 and (volume or concentration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:40
L11	0	l8 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:49
L12	32544	injection same compression same molding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:49
L13	687	"l13" and (parison or dose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:50
L14	2114	l12 and (parison or dose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:50
L15	870	l14 and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:50
L16	22135	gas adj tank	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:50
L17	27	l16 and l15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:50
L18	6844	blow same compression same molding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:52

L19	109	l18 and l16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:52
L20	563169	parison or dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:52
L21	47	l20 and l19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 08:53
L22	496170	injecting or inject	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:03
L23	47529	l22 same mold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:03
L24	1092130	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:04
L25	726	l23 same L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:04
L26	19486	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7 or 425/308 or 425/133.1 or 425/130 or 264/143 or 264/148 or 264/172.15 or 264/173.16 or 264/167 or 264/241 or 264/328.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/14 09:04
L27	68	l25 and L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:04
L28	2499937	(before or prior) same (post or after)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:05
L29	21	l27 and l28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:05

L31	284998	injection adj molding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:16
L32	54780	molten adj state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:16
L33	6550	l32 same mold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:16
L34	2100	l31 and l33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:17
L35	254	l33 same eject$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:18
L36	2555	l31 same l20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:54
L37	45	l32 same l36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/14 09:54
S1	10327	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/02 14:04
S2	4	"02098415"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/02 15:30
S3	65	synthetic and thomasset	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/02 15:49
S4	1734	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:30
S5	133070	(function$3 or barrier) adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:30
S6	352877	multilayer or (multi adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:31
S7	29358	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:31

S8	1003206	enclosed or imprisoned or enconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:33
S9	1003485	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:33
S10	5690	S7 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:33
S11	25	S10 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:34
S12	356667	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:43
S13	562	S10 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:43
S14	365	S13 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:44
S15	42834	radial adj distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:48
S16	5	S15 with S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:48
S17	391	S5 near (close or "near" or (short adj distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:53
S18	108	S17 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/02 16:55
S19	56	"4154893" or "20030080461" or "4876052" or "20030080461" or "4876052" or "20020182351" or "4419412" or "20020182351" or "5110519"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/03 10:50
S21	6	S19 and radial	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/03 10:52
S22	17	S19 and barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/03 10:54
S23	367	multiple near (barrier adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 13:11

S24	107	S23 and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 13:16
S25	1003912	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:00
S26	1538022	S25 or embedded or imbedded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:00
S27	133139	(function$3 or barrier) adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:00
S28	27369	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:00
S29	1734	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:21
S30	356841	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:21
S31	1667	S28 and (S29 or S30)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:21
S32	845	S31 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:22
S33	551	S32 and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:22
S34	6196	tie adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:47
S35	179441	adhesive adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:48
S36	183658	S34 or S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:48
S37	28044	S26 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:48
S38	1667	S31 and (S29 or S30)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:48
S39	1065	S38 and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:48

S40	284	oxygen adj scavenging adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 14:50
S41	17089	S30 near (multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:14
S42	7	"I18" near (multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:14
S43	9	S40 near (multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:15
S44	2629	S36 near (multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:18
S45	9571498	(multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:27
S46	25175	S37 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:28
S47	638	S46 and (compression adj molding)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:43
S48	351	S47 and (article or bottle or container)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/03 15:44
S51	1003912	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:28
S52	48992	dose and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 10:28
S53	537431	S52 and resin or thermoplastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 10:29
S54	12025	S52 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 10:29
S55	516	S54 and (compression adj molding)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:29
S56	1734	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:30
S57	356841	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:30

S58	18	S55 and (S56 or S57)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:30
S59	5838	S51 and (compression adj molding)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:36
S60	4283	S59 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:37
S61	1123	S60 and barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 10:38
S62	1003912	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S63	1538022	S62 or embedded or imbedded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S64	133139	(function$3 or barrier) adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S65	27369	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S66	1734	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S67	356841	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S68	1667	S65 and (S66 or S67)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S69	845	S68 and (resin or thermoplastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S70	551	S69 and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S71	120	S70 and (car or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:06
S72	283	transparent and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:08
S73	6196	tie adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09

S74	179441	adhesive adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S75	183658	S73 or S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S76	28044	S63 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S77	9571498	(multiple or two or three or (at adj least adj one))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S78	25175	S76 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S79	638	S78 and (compression adj molding)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S80	351	S79 and (article or bottle or container)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S81	182	S80 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:09
S82	48821	compression adj molding	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:11
S83	5883	S82 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:11
S84	363	S83 and (inner adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/04 16:12
S85	192398	kimura	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 16:16
S86	20	"4940557"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 16:16
S87	10	"4390487"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/04 16:18
S88	10342	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/05 08:08
S89	12542	S88 or 428/76	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/05 08:08

S90	29436	coextrusion or (co adj extrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/05 09:30
S91	1585	extrude$3 adj simultaneous$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:31
S92	30626	S90 or S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:31
S93	414562	concave	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:31
S94	1430	S92 and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:32
S95	160	S94 and (parison or dose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:32
S96	104	S95 and ((multi adj layer) or multilayer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/05 09:33
S97	7	"1208955"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/09 10:03
S98	8	"2582253"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/09 11:02
S99	9	"2299957"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/06/09 11:13
S100	1	"10591116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/08 15:19
S101	1	"10591126"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/08 15:21
S102	1	"10591117"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/09 08:54
S103	25	"5151193"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/09 10:29
S104	10630	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/09 16:56

S105	10630	S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:56
S106	372713	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:56
S107	465	S104 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:56
S108	140909	(function$3 or barrier) adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:57
S109	1441	S104 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:57
S110	28019	co adj extru$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:57
S111	28716	coextru$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:57
S112	50192	S110 or S111	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:58
S113	6434	S112 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:58
S114	909	S104 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:58
S115	83282	rectilinear$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:58
S116	3	S114 and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 16:58
S117	2640416	resin or thermoplastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:00
S118	1042278	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:00
S119	171676	S118 and S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:00
S120	1790	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:01

S121	13431	S119 and (S106 or S120 or asymmetrical)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:01
S122	153554	S121 or S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:03
S123	786	S121 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:03
S124	128	S123 and (dose or parison)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/09 17:03
S125	10684	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/01/15 14:15
S126	375552	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:15
S127	468	S125 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:15
S128	5341582	dose or object or article	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:15
S129	374609	multilayer or (multi adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:15
S130	14105	S129 near5 S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:15
S131	15885	functional adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:16
S132	5226	gas adj barrier adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:16
S133	20857	S131 or S132	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:16
S134	488	S130 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:16
S135	1049878	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:17
S136	1108642	S135 or encased	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:17

S137	95	S134 and S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:17
S138	9	S137 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:42
S139	6596	tie adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S140	189765	adhesive adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S141	194248	S139 or S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S142	298	oxygen adj scavenging adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S143	194341	S141 or S142	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S144	211871	S133 or S143	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S145	2877	S144 and S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S146	545	S145 and S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:44
S147	82	S146 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:45
S148	1	"10591116"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 14:48
S149	13	S129 adj dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:48
S150	0	S149.clms.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:49
S151	0	S128.clms.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:49

S152	0	(dose or object or article).clms.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:49
S153	389631	(dose or object or article).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:50
S154	4	S149.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:50
S155	2048	S153 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:50
S156	134917	S135.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:51
S157	75	S155 and S156	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:51
S158	3211	radial near5 stack$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:52
S159	1750	S158 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:52
S160	545	S158.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:53
S161	386	S159 and S160	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:53
S162	1	S161 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/01/15 15:53
S163	29255	coextru$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:33
S164	84739	rectilinear$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:33
S165	61	S163 and S164 and concave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:33
S166	3031277	tube or hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:33

S167	21	S165 and S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:33
S168	10803	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/03/31 16:59
S169	0	S167 and S168	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:59
S170	1643	S168 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:59
S171	1848	axisymmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:59
S172	17	dose and S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 16:59
S173	0	S168 and S172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 17:00
S174	7	S171 and S168	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/31 17:00
S175	1	"10591126"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/29 15:25
S176	1	S175 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/29 15:25
S177	388685	symmetrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S178	5513273	dose or object or article	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S179	389779	multilayer or (multi adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S180	14586	S179 near5 S178	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57

S181	17206	functional adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S182	5536	gas adj barrier adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S183	22440	S181 or S182	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S184	1082949	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S185	1143381	S184 or encased	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S186	6900	tie adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S187	197225	adhesive adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S188	201912	S186 or S187	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S189	307	oxygen adj scavenging adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S190	202009	S188 or S189	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S191	220784	S183 or S190	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S192	3007	S191 and S180	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S193	572	S192 and S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S194	85	S193 and S177	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S195	34	S194 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/29 16:57
S196	31977	coextrusion or (co adj extrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/30 10:34

S197	1691	extrude$3 adj simultaneous$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:34
S198	33248	S196 or S197	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:34
S199	460594	concave	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:34
S200	1610	S198 and S199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:34
S201	72	S200 and rectilinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:35
S202	557377	parison or dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:43
S203	84	S198 same S199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:43
S204	2	S203 and S202	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 10:44
S205	206920	concave near5 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 13:58
S206	237	S205 same dose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 13:58
S207	39	S206 and (extrusion or coextrusion or co $extrusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 13:59
S208	152	S205 same parison	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:01
S209	406815	extrusion or coextrusion or co $extrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:02

S210	38	S208 and S209	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:02
S211	19	dose near10 (concave adj surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:17
S212	3	"20020182351"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:20
S213	0	S212 and concave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 14:33
S214	10957	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/06/30 15:28
S215	353	S205 and S214	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/30 15:28
S216	11042	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/12 15:50
S217	969	S216 and (dose or parison)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 15:50
S218	122	S217 and variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 15:50
S219	1	"10591117" and variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 15:51
S220	1	S219 and compression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 15:52
S221	1091352	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/12 17:00
S222	25762	S221 same (functional or barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 17:00

S223	134870	variable same axis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 17:00
S224	21	S222 same S223	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/12 17:01
S225	19486	264/266 or 264/257 or 428/161 or 428/36.6 or 428/36.7 or 428/35.7 or 425/308 or 425/133.1 or 425/130 or 264/143 or 264/148 or 264/172.15 or 264/173.16 or 264/167 or 264/241 or 264/328.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 22:30
S226	151109	(function$3 or barrier) adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/13 22:30
S227	1813	S225 and S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 22:30
S228	1092130	enclosed or imprisoned or ensconced or surrounded	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/13 22:31
S229	495	S227 and S228	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 22:31
S230	563394	flow adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 22:39
S231	90	S229 and S230	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/08/13 22:39

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